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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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International Business Machines Corporation
Intellectual Property Law Department
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EXAMINER

CHEN, CHONGSHAN

ART UNIT	PAPER NUMBER
2172	7

DATE MAILED: 12/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/843,059

Applicant(s)

DUTTA ET AL.

Examiner

Chongshan Chen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 November 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4, 7-10, 13-16 and 19-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4, 7-10, 13-16 and 19-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

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DETAILED ACTION

1. This action is responsive to communications: Amendment B, filed on 18 November 2003. The amendment B is considered because it is filed before the Patent Office mailed out previous final rejection. The examiner rewrites previous rejection. This action is made final. Claims 1-4, 7-10, 13-16 and 19-24 are pending; claims 5-6, 11-12 and 17-18 are cancelled.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-4, 7-10, 13-16 and 19-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Moore et al. ("Moore", Pub, No.: US 2001/0039546) in view of White (Pub. No.: US 2002/0056098) in view of Hullinger et al. ("Hullinger", 6,295,092) and further in view of Ahmad et al. ("Ahmad", 6,005,564).

As per claim 1, Moore discloses a method for displaying, at a client, transient messages received over a network, the method comprising:

storing, independently of a user action, a plurality of different multimedia objects each containing at least one transient message when each multimedia object is initially rendered at the client (Moore, page 1, [0011], "enables a user to easily capture and manage useful information (such as web links, advertisements, or points of interest while traveling) for later review ..."); and

enabling a subsequent rendering of the stored multimedia objects in response to a user selection of a control button associated with the list of the stored multimedia objects (Moore, page 1, [0011], "enables a user to easily capture and manage useful information (such as web links, advertisements, or points of interest while traveling) for later review without interruption of the current activity (such as browsing web pages, using a web search engine, viewing a media stream, or operating a mobile computing device while traveling). This "transparency" of operation is supported through use of a variety of modes for manual or automatic capturing of information optimized for use with these different types of activities.").

Moore does not explicitly disclose storing the multimedia objects in a chronological list and displaying the multimedia objects in at least one of a forward and backward succession, at a user configurable rate. White teaches storing the multimedia objects in a chronological list (White, page 4, [0054]). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to store the captured multimedia objects in a chronological list in the system of Moore. Because storing objects in a chronological list provides the user information about the order sequence the objects are captured. This enables the user to easily find the most recent captured object and other captured objects.

Hullinger teaches displaying the multimedia objects in at least one of forward and backward succession (Hullinger, col. 12, line 60 - col. 13, line 35). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to display the multimedia objects in at least one of forward and backward succession in the system of Moore. Playing objects in succession frees the burden of user to select and play the multimedia object one by one.

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Ahmad teaches displaying the multimedia objects at a user configurable rate. Ahmad teaches displaying the multimedia objects at a user configurable rate (Ahmad, col. 2, line 60 – col. 3, line 25, col. 9, lines 10-17). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to display the multimedia objects at a user configurable rate in the system of Moore. This enables the user to display the multimedia objects at his/her desired speed.

As per claim 2, Moore, White, Hullinger and Ahmad teach all the claimed subject matters as discussed in claim 1, and further teach each one of the plurality of different multimedia objects is at least one of an animated GIF multimedia object, a moving picture type multimedia object, a vector graphic multimedia object, and a static image multimedia object selection (Moore, page 1, [0011]).

As per claim 3, Moore, White, Hullinger and Ahmad teach all the claimed subject matters as discussed in claim 1, and further teach storing at least one of the multimedia objects at the client (Moore, Fig. 1-4, page 2, [0021]-[0022]).

As per claim 4, Moore, White, Hullinger and Ahmad teach all the claimed subject matters as discussed in claim 1, and further teach storing at least one of the multimedia objects at a server which is in communication over the network with the client (Moore, Fig. 1-4).

As per claim 7, Moore, White, Hullinger and Ahmad teach all the claimed subject matters as discussed in claim 1, and further teach wherein the storing step occurs for a configurable duration of time (Hullinger, Fig. 13, col. 11, lines 25-28).

As per claim 8, Moore, White, Hullinger and Ahmad teach all the claimed subject matters as discussed in claim 1, and further teach storing at a server, which is communicatively

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connected over the network with the client, each of the multimedia objects in the chronological list as each multimedia object is initially rendered at the client (Moore, Fig. 1-4, White, page 4, [0054]).

As per claim 9, Moore, White, Hullinger and Ahmad teach all the claimed subject matters as discussed in claim 8, and further teach sending one of the different multimedia objects from the chronological list and a corresponding software unit to enable the multimedia object to be played in response to a selection of a replay button sent from the server to be displayed at the client in conjunction with the multimedia object in an area of a document allocated to the multimedia object (Moore, Fig. 1, White, page 4, [0054], Hullinger, col. 12, line 60 - col. 13, line 35).

Claim 10 is rejected on grounds corresponding to the reasons given above for claim 1.

As per claim 13, Moore, White, Hullinger and Ahmad teach all the claimed subject matters as discussed in claim 10, and further teach storing at a server, which is communicatively connected over the network with the client, each of the multimedia objects in the chronological list as each multimedia object is initially rendered at the client (Moore, Fig. 1-4, White, page 4, [0054]).

As per claim 14, Moore, White, Hullinger and Ahmad teach all the claimed subject matters as discussed in claim 10, and further teach sending one of the different multimedia objects from the chronological list and a corresponding software unit to enable the multimedia object to be played in response to a selection of a replay button sent from the server to be displayed at the client in conjunction with the multimedia object in an area of a document

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allocated to the multimedia object (Moore, Fig. 1, White, page 4, [0054], Hullinger, col. 12, line 60 - col. 13, line 35).

Claims 15-16 are rejected on grounds corresponding to the reasons given above for claims 1-2.

As per claim 19, Moore, White, Hullinger and Ahmad teach all the claimed subject matters as discussed in claim 15, and further teach storing at a server, which is communicatively connected over the network with the client, each of the multimedia objects in the chronological list as each multimedia object is initially rendered at the client (Moore, Fig. 1-4, White, page 4, [0054]).

As per claim 20, Moore, White, Hullinger and Ahmad teach all the claimed subject matters as discussed in claim 19, and further teach sending one of the different multimedia objects from the chronological list and a corresponding software unit to enable the multimedia object to be played in response to a selection of a replay button sent from the server to be displayed at the client in conjunction with the multimedia object in an area of a document allocated to the multimedia object (Moore, Fig. 1, White, page 4, [0054], Hullinger, col. 12, line 60 - col. 13, line 35).

As per claim 21, Moore discloses a method for redisplaying, at a client, at least one transient message displayed in a browser, the method comprising:

identifying a region associated with the at least one transient message (Moore, page 1, [0011]-[0013], page 3, [0030]);

clipping the region associated with the at least one transient message (Moore, page 3, [0030]);

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storing, independently of a user action, each transient message when each transient message is initially rendered by the browser (Moore, page 1, [0011], “enables a user to easily capture and manage useful information (such as web links, advertisements, or points of interest while traveling) for later review ...”); and

enabling a subsequent rendering of the transient messages in response to a user selection (Moore, Fig. 1-4, page 1, [0011]).

Moore does not explicitly disclose storing the multimedia objects in a chronological list and displaying the multimedia objects in at least one of a forward and backward succession, at a user configurable rate. White teaches storing the multimedia objects in a chronological list (White, page 4, [0054]). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to store the captured multimedia objects in a chronological list in the system of Moore. Because storing objects in a chronological list provides the user information about the order sequence the objects are captured. This enables the user to easily find the most recent captured object and other captured objects.

Hullinger teaches displaying the multimedia objects in at least one of forward and backward succession (Hullinger, col. 12, line 60 - col. 13, line 35). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to display the multimedia objects in at least one of forward and backward succession in the system of Moore. Playing objects in succession frees the burden of user to select and play the multimedia object one by one.

Ahmad teaches displaying the multimedia objects at a user configurable rate. Ahmad teaches displaying the multimedia objects at a user configurable rate (Ahmad, col. 2, line 60 –

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col. 3, line 25, col. 9, lines 10-17). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to display the multimedia objects at a user configurable rate in the system of Moore. This enables the user to display the multimedia objects at his/her desired speed.

As per claim 22, Moore, White, Hullinger and Ahmad teach all the claimed subject matters as discussed in claim 21, and further teach associating a separate identifier for each stored transient message; and enabling a use of the identifier for the user selection (Moore, page 2, [0021]-[0022]).

Claims 23 and 24 are rejected on grounds corresponding to the reasons given above for claim 21.

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Contact Information


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chongshan Chen whose telephone number is 703-305-8319.

The examiner can normally be reached on Monday - Friday (8:00 am - 4:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E Breene can be reached on (703)305-9790. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-3900.

December 8, 2003


SHAHID ALAM
PRIMARY EXAMINER